Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Project Sub Division -01

Name of Work:- Providing Chain Link Fencing for BBMP Property at Sy. No. 33 Mallasandra Village Ward No. 13

Estimated Amount Rs. 7,635,000

Sl No	Description of Items	No	L	B	D	Qty	Unit	Rate	Amount
1	Earthwork in surface excavation in Hard soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications,								
	SR Page no 5, Item no 2.4								
	For leveling and lowering left side	1	200.00	45	0.90	8100.00			
	For leveling and lowering right side	1	100.00	60	0.70	4200.00			
	For leveling and lowering front side	1	90.00	39	0.75	2632.50			
						14932.50	Cum	154.76	**2310954**
	Basic Rate	146.00							
	Area Weightage 6%	8.76							
	Total	**154.76**							
2	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1 (b) /2.3.5								
	SR Page no 5, Item no 2.4								
	For SSM at front	1	104.00	0.9	0.90	84.24			
	For SSM at back	1	299.00	0.9	0.90	242.19			
	For SSM at other side	1	142.00	0.9	0.90	115.02			
	Basic Rate	187.00				441.45	Cum	198.22	**87504**
	Area Weightage 6%	11.22							
	Total	**198.22**							
3	Providing and laying in position plain cement concrete of mix M10 with opc cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregtes @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	SR Page no 12, Item no 4.2								
	For SSM at front	***1***	***104.00***	***0.90***	***0.15***	14.04			
	For SSM at back	***1***	***299.00***	***0.90***	***0.15***	40.37			
	For SSM at other side	***1***	***142.00***	***0.90***	***0.15***	19.17			
						73.58	Cum	4053.44	**298232**
	Basic Rate	3824.00							
	Area Weightage 6%	229.44							
	Total	**4053.44**							
4	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1 :6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	SR Page no 25, Item no 5.6								
	for 1st Step	1	104.00	0.75	0.45	35.10			
	for 1st Step	1	299.00	0.75	0.45	100.91			
	for 1st Step	1	142.00	0.75	0.45	47.93			
	for 2nd Step	1	104.00	0.60	0.45	28.08			
	for 2nd Step	1	299.00	0.60	0.45	80.73			
	for 2nd Step	1	142.00	0.60	0.45	38.34			
						331.09	Cum	2710.42	**897386**
	Basic Rate	2557.00							
	Area Weightage 6%	153.42							
	Total	**2710.42**							

5	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1 :6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
	SR Page no 26, Item no 5.9								
	for 3rd Step	1	104.00	0.45	0.45	21.06			
	for 2rd Step	1	299.00	0.45	0.45	60.55			
	for 3rd Step	1	142.00	0.45	0.45	28.76			
	Deduct for Poles Concrete at every 2m/pole	274	-0.45	0.45	0.45	-24.97			
						85.39	Cum	3164.10	**270196**
	Basic Rate	2985.00							
	Area Weightage 6%	179.10							
	Total	**3164.10**							
6	Providing and laying in position plain cement concrete of mix M20 with ope cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.64cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	SR Page no 12, Item no 4.5								
	For Plinth Concrete	1	545.00	0.45	0.15	36.79			
	For fixing Poles	1	274.00	0.45	0.45	55.49			
						92.27	Cum	4846.32	**447182**
	Basic Rate	4572.00							
	Area Weightage 6%	274.32							
	Total	**4846.32**							
7	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto SO m. and lift upto 1.S m. including cost of all labour complete as per specifications. specification. No. KBS 2.9								
	SR Page no 6, Item no 2.10								
	say 30% of Excavation					132.44			
						132.44	Cum	89.04	**11792**
	Basic Rate	84.00							
	Area Weightage 6%	5.04							
	Total	**89.04**							
8	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)								
	SR Page no 267, Item no 37.2								
	For Fixing Poles	274	2.95			808.30			
						808.30	Rmt	1037.74	**838805**
	Basic Rate	979.00							
	Area Weightage 6%	58.74							
	Total	**1037.74**							
9	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint								
	SR Page no 267, Item no 37.4								
	3 bay	3	545			1635.00	Rmt.	262.88	**429809**
	Basic Rate	248.00							
	Area Weightage 6%	14.88							
	Total	**262.88**							

10	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangUlar poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as perthe directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint								
	SR Page no 267, Item no 37.3								
	Chain Link Fencing	1	539.00		2.50	1347.50			
						1347.50	Sqm	563.92	**759882**
	Basic Rate	532.00							
	Area Weightage 6%	31.92							
	Total	**563.92**							
11	Providing raised and cut pointing to coursed stone masonry with cement mortar 1 :3, 20mm, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications								
	SR Page no 119, Item no 15.5								
	Pointing Work	1	545		0.45	245.25			
						245.25	Sqm	103.88	**25477**
	Basic Rate	98.00							
	Area Weightage 6%	5.88							
	Total	**103.88**							
12	Providing and fixing RCC name board of size 1.3SxkO.60xO.04 mtrs fixed in reinforced cement concrete poles of size 0.1 OxO.1 Ox2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirpes as shown in drawing. The board shall be provided with 12mm thick cement plaster in cement mortar 1 :3 on both the sides. The poles shall be embedded in the ground for a depth of O.S mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineering charge of the work. The cost includes excavation, cost of all materials, cost of steel, centering, transportation charges, fixing charges etc., The work shall be carried out as per the detailed specifications, drawings and directions of the Engineer in charge of the work.								
	SR Page no 236, Item no 37.6								
	Name Board	5				5			
						5.00	Nos.	5088.00	**25440**
	Basic Rate	4800.00							
	Area Weightage 6%	288.00							
	Total	**5088.00**							
13	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 3Smm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms clc in two halves and 40mmx6mm M.Ş. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation.								
	SR Page no 47, Item no 7.37								
	Gate	3	5.00		3.00	45.00			
						45.00	Sqm	3155.76	**142009**
	Basic Rate	2922.00							
	Area Weightage 8%	233.76							
	Total	**3155.76**							
14	Disposal of Debris to the final place of disposal with all lead and lift and as direction of the engineer incharge of work Haulinng of materials as per item no. 17.4/KSRRB KSRRB M100-1 Loading and Unloading of Stone Boulder I Stone aggregates /Sand/ Kanker I Moorum. Loading and unloading charges page no.135 item no 18.57.1 PWD SR 2012-13								
	SR Page no 133 / I. No. 17.4 & P. No. 135 / I. No. 18.57.1								
	Qty vide item 1		14932.50			14932.50			
						14932.50	Cum	72.71	**1085676**
	Basic Rate	67.32							
	Area Weightage 6%	5.39							

	Total	**72.71**							
15	Micellaneous and Unforceen charges	LS					LS		**4656**

Total Amount Rs. 7,635,000

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2012-13
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer	**Asst Executive Engineer**	**Executive Engineer**
Projects Sub-Division	Projects Sub-Division	Projects Division
Dasarahalli Zone, BBMP	Dasarahalli Zone, BBMP	Dasarahalli Zone, BBMP